[0089] ABSTRACT

[0090] Systems and methods for decoding data blocks enable a receiving device to decode a retransmitted data block using previously stored bits. A receiver demodulates a data block transmitted via a first modulation scheme. When the receiver is not able to decode the data block correctly, the transmitter may retransmit the data block as a number of split blocks via a different modulation scheme. The receiver may then combine the bits generated by demodulating the original data block with bits generated by demodulating the retransmitted data block. The receiver then decodes the combined bits.